

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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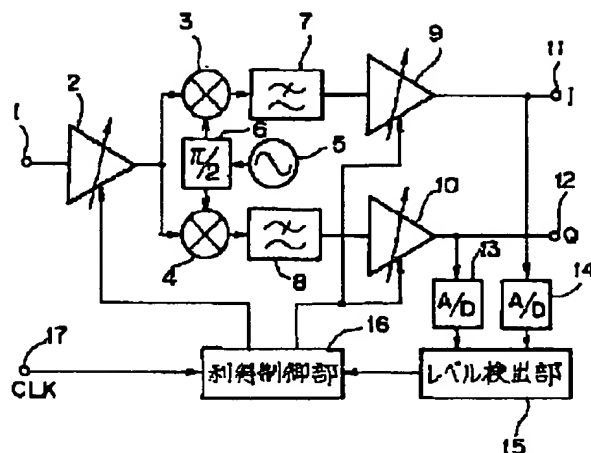
APPLICATION DATE : 20-09-93  
APPLICATION NUMBER : 05233378

APPLICANT : TOSHIBA CORP;

INVENTOR : AZUMA TAKASHI;

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TITLE : AUTOMATIC GAIN CONTROL CIRCUIT



ABSTRACT : PURPOSE: To provide an automatic gain control circuit allowed to be applied to a direct conversion system and having sufficiently long response time and gain stability.

CONSTITUTION: A level detection part 15 detects the output levels of variable gain amplifiers 9, 10 for amplifying a base band signal, a gain control part 16 compares the detected levels with a previously set level and changes the gain changing speeds of an RF variable gain amplifier 2 for amplifying a radio frequency signal and the amplifiers 9, 10 in accordance with a deviation between both the levels.

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